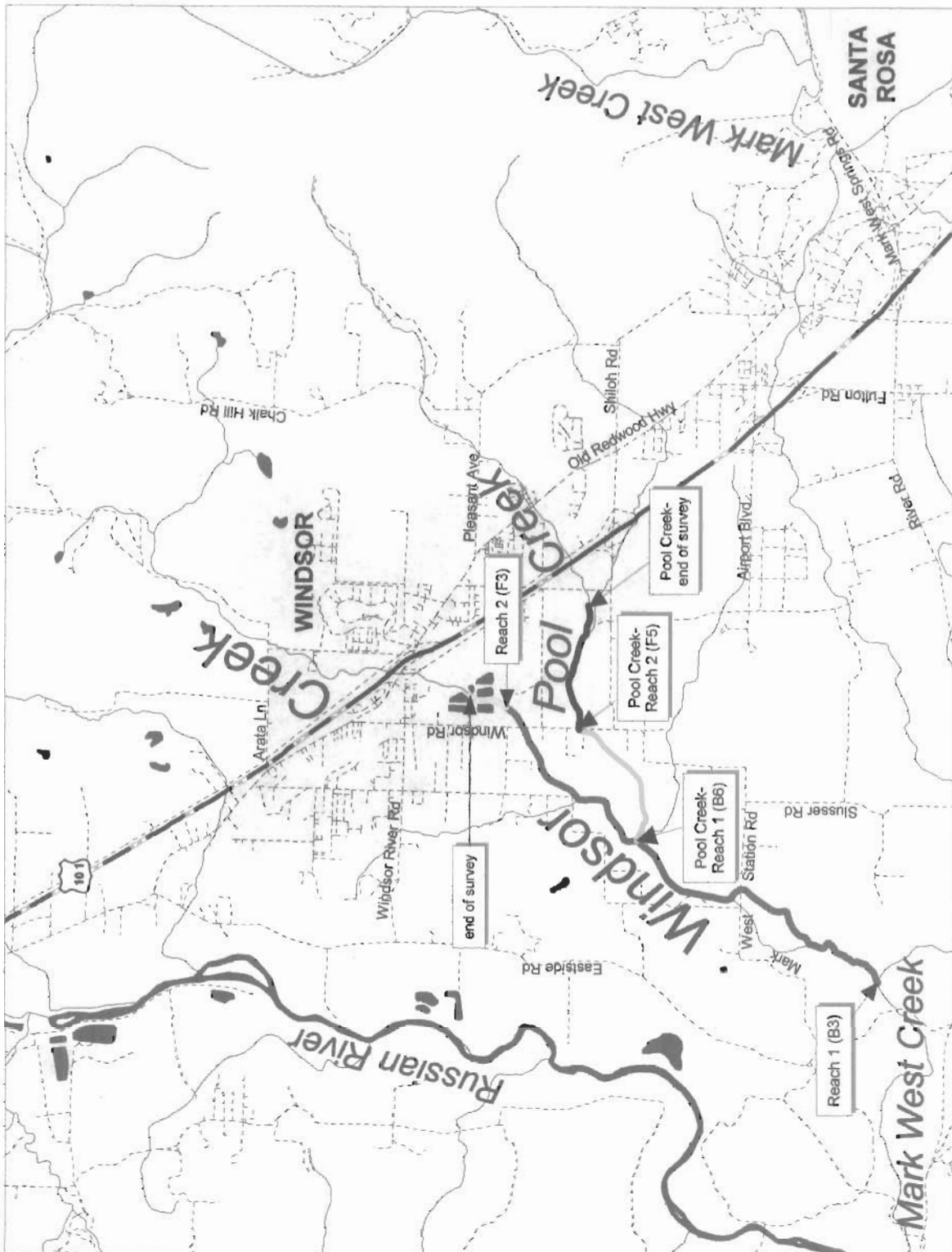
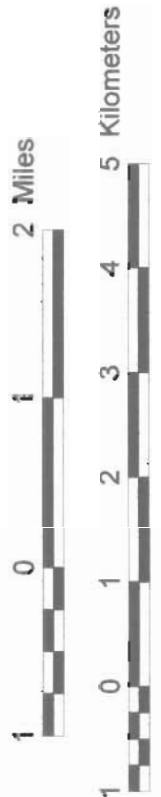


Windsor Creek



Central Coast Region
 Department of Fish and Game



Scale = 1:72,000



Pool Creek Tables Graphs Map
 Assessment Completed 1996
 Page 1 of 9

Pool Creek Drainage: Windsor Creek, Mark West Creek, Russian River

Table 1 - SUMMARY OF RIFFLE, FLATWATER, AND POOL HABITAT TYPES Survey Dates: 08/12/97 to 08/14/97

Confluence Location: QUAD: Healdsburg LEGAL DESCRIPTION: T08NR09WS23 LATITUDE: 38°31'20" LONGITUDE: 122°49'50"

HABITAT UNITS	UNITS FULLY MEASURED	HABITAT TYPE	HABITAT PERCENT OCCURRENCE	MEAN LENGTH (ft.)	TOTAL LENGTH (ft.)	PERCENT TOTAL LENGTH	MEAN WIDTH (ft.)	MEAN DEPTH (ft.)	MEAN AREA (sq.ft.)	ESTIMATED TOTAL AREA (sq.ft.)	MEAN VOLUME (cu.ft.)	ESTIMATED TOTAL VOLUME (cu.ft.)	MEAN RESIDUAL POOL VOL (cu.ft.)	MEAN SHELTER RATING
4	4	FLATWATER	44	2192	8769	81	18.5	1.5	62434	249737	*****	645597	0	15
2	1	POOL	22	55	110	1	18.7	1.1	1050	2101	1191	2382	419	70
3	0	DRY	33	665	1994	18	0.0	0.0	0	0	0	0	0	0
TOTAL UNITS	9				TOTAL LENGTH (ft.) 10872				TOTAL AREA (sq. ft.) 251838			TOTAL VOL. (cu. ft.) 647979		

Pool Creek

Drainage: Windsor Creek, Mark West Creek, Russian River

Table 2 - SUMMARY OF HABITAT TYPES AND MEASURED PARAMETERS

Survey Dates: 08/12/97 to 08/14/97

Confluence Location: QUAD: Healdsburg LEGAL DESCRIPTION: T08NR09WS23 LATITUDE: 38°31'20" LONGITUDE: 122°49'50"

HABITAT UNITS	UNITS FULLY MEASURED	HABITAT TYPE	HABITAT OCCURRENCE	%	MEAN LENGTH	ft.	TOTAL LENGTH	ft.	%	MEAN WIDTH	ft.	MEAN DEPTH	ft.	MEAN MAXIMUM DEPTH	ft.	MEAN AREA	sq.ft.	TOTAL AREA	sq.ft.	MEAN VOLUME	cu.ft.	TOTAL VOLUME	cu.ft.	EST. POOL VOL	cu.ft.	MEAN SHELTER RATING	%
3	3	GLD	33	33	2907	8720	80	23	1.9	4.0	83167	249500	*****	645550	0	20	72										
1	1	RUN	11	11	49	49	0	5	0.2	0.4	237	237	47	47	0	0	90										
2	1	LSR	22	22	55	110	1	19	1.1	2.7	1050	2101	1191	2382	419	70	85										
3	0	DRY	33	33	665	1994	18	0	0.0	0.0	0	0	0	0	0	0	93										
TOTAL UNITS	9					10872					AREA (sq.ft.)	251837		TOTAL VOL. (cu.ft.)	647979												

Pool Creek

Drainage: Windsor Creek, Mark West Creek, Russian River

Table 3 - SUMMARY OF POOL TYPES

Survey Dates: 08/12/97 to 08/14/97

Confluence Location: QUAD: Healdsburg LEGAL DESCRIPTION: T08NR09WS23 LATITUDE: 38°31'20" LONGITUDE: 122°49'50"

HABITAT UNITS	UNITS FULLY MEASURED	HABITAT TYPE	HABITAT PERCENT OCCURRENCE	MEAN LENGTH (ft.)	MEAN LENGTH (ft.)	TOTAL LENGTH (ft.)	MEAN WIDTH (ft.)	MEAN DEPTH (ft.)	MEAN AREA (sq.ft.)	TOTAL AREA (sq.ft.)	MEAN VOLUME (cu.ft.)	TOTAL VOLUME (cu.ft.)	MEAN RESIDUAL POOL VOL. (cu.ft.)	MEAN SHELTER RATING
2	1	SCOUR	100	55	110	110	18.7	1.1	1050	2101	1191	2382	419	70

Pool Creek Drainage: Windsor Creek, Mark West Creek, Russian River

Table 4 - SUMMARY OF MAXIMUM POOL DEPTHS BY POOL HABITAT TYPES Survey Dates: 08/12/97 to 08/14/97

Confluence Location: QUAD: Healdsburg LEGAL DESCRIPTION: T08NR09WS23 LATITUDE: 38°31'20" LONGITUDE: 122°49'50"

UNITS	HABITAT	HABITAT	<1 FOOT	<1 FOOT	1-<2 FT.	1-<2 FOOT	2-<3 FT.	2-<3 FOOT	3-<4 FT.	3-<4 FOOT	>=4 FOOT	>=4 FOOT
MAX DPTH	TYPE	PERCENT	MAXIMUM	PERCENT	MAXIMUM	PERCENT	MAXIMUM	PERCENT	MAXIMUM	PERCENT	MAXIMUM	PERCENT
MEASURED		OCCURRENCE	DEPTH	OCCURRENCE	DEPTH	OCCURRENCE	DEPTH	OCCURRENCE	DEPTH	OCCURRENCE	DEPTH	OCCURRENCE
2	LSR	100	0	0	1	50	1	50	0	0	0	0

TOTAL
UNITS
2

Pool Creek Drainage: Windsor Creek, Mark West Creek, Russian River

Table 5 - Summary of Shelter by Habitat Type Survey Dates: 08/12/97 to 08/14/97

Confluence Location: QUAD: Healdsburg LEGAL DESCRIPTION: T08NR09WS23 LATITUDE: 38°31'20" LONGITUDE: 122°49'50"

UNITS MEASURED	UNITS SHELTER	HABITAT TYPE	% TOTAL UNDERCUT	% TOTAL BANKS	% TOTAL SWD	% TOTAL LWD	% TOTAL ROOT	% TOTAL MASS VEGETATION	% TOTAL TERR.	% TOTAL AQUATIC VEGETATION	% TOTAL WHITE WATER	% TOTAL BOULDERS	% TOTAL BEDROCK LEDGES
3	3	GLD	0	0	50	9	0	0	41	0	0	0	0
1	1	RUN	0	0	0	0	0	0	0	0	0	0	0
2	1	LSR	0	0	20	30	50	0	0	0	0	0	0
3	2	DRY	0	0	0	0	0	0	0	0	0	0	0
9	7		0	0	50	9	0	0	41	0	0	0	0
2	1		0	0	20	30	50	0	0	0	0	0	0

Pool Creek Drainage: Windsor Creek, Mark West Creek, Russian River

Table 6 - SUMMARY OF DOMINANT SUBSTRATES BY HABITAT TYPE Survey Dates: 08/12/97 to 08/14/97

Confluence Location: QUAD: Healdsburg LEGAL DESCRIPTION: T08NR09WS23 LATITUDE: 38°31'20" LONGITUDE: 122°49'50"

TOTAL HABITAT UNITS	UNITS SUBSTRATE MEASURED	HABITAT TYPE	% TOTAL SILT/CLAY DOMINANT	% TOTAL SAND DOMINANT	% TOTAL GRAVEL DOMINANT	% TOTAL SM COBBLE DOMINANT	% TOTAL LG COBBLE DOMINANT	% TOTAL BOULDER DOMINANT	% TOTAL BEDROCK DOMINANT
3	3	GLD	67	0	33	0	0	0	0
1	1	RUN	0	0	100	0	0	0	0
1	1	LSR	100	0	0	0	0	0	0
2	2	DRY	50	0	50	0	0	0	0

Pool Creek

APPENDIX A. Summary of Mean Percent Vegetative Cover for Entire Stream

Mean Percent Canopy	Mean Percent Evergreen	Mean Percent Deciduous	Mean Right bank % Cover	Mean Left Bank % Cover
82.14	24.29	75.71	82.86	84.29

APPENDIX B.

Mean Percentage of Dominant Substrate

Dominant Class of Substrate	Number Units Right Bank	Number Units Left Bank	Percent Total Units
Bedrock	0	0	0
Boulder	0	0	0
Cobble/Gravel	0	0	0
Silt/clay	7	7	100

Mean Percentage of Dominant Vegetation

Dominant Class of Vegetation	Number Units Right Bank	Number Units Left Bank	Percent Total Units
Grass	1	0	7.14
Brush	6	5	78.57
Deciduous Trees	0	1	7.14
Evergreen Trees	0	1	7.14
No Vegetation	0	0	0

APPENDIX C. FISH HABITAT INVENTORY DATA SUMMARY

STREAM NAME: Pool Creek

SAMPLE DATES: 08/12/97 to 08/14/97

SURVEY LENGTH:

MAIN CHANNEL: 10872 ft.

SIDE CHANNEL: 0 ft.

LOCATION OF STREAM MOUTH:

USGS Quad Map: Healdsburg

Latitude: 38°31'20"

Legal Description: T08NR09WS23

Longitude: 122°49'50"

SUMMARY OF FISH HABITAT ELEMENTS BY STREAM REACH

STREAM REACH 1 (Units 1-7)

Channel Type: B6

Main Channel Length: 5672 ft.

Side Channel Length: 0 ft.

Riffle/Flatwater Mean Width: 14.0 ft.

Pool Mean Depth: 1.1 ft.

Base Flow: 0.0 cfs

Water: 66-66°F Air: 78-78°F

Dom. Bank Veg.: Brush

Bank Vegetative Cover: 91%

Dom. Bank Substrate: Silt/Clay/Sand

Embeddness Value: 1. 0% 2. 0% 3. 0%

Mean Canopy Density: 89%

Evergreen Component: 23%

Deciduous Component: 77%

Pools by Stream Length: 2%

Pools >=2 ft. Deep: 50%

Pools >=3 ft. Deep: 0%

Mean Pool Shelter Rtn: 70

Dom. Shelter: Large Woody Debris

Occurrence of LOD: 40%

Dry Channel: 1994 ft.

4. 100% 5. 0%

STREAM REACH 2 (Units 8-9)

Channel Type: F5

Main Channel Length: 5200 ft.

Side Channel Length: 0 ft.

Riffle/Flatwater Mean Width: 32.0 ft.

Pool Mean Depth: 0.0 ft.

Base Flow: 0.0 cfs

Water: 68-68°F Air: 80-80°F

Dom. Bank Veg.: Brush

Bank Vegetative Cover: 40%

Dom. Bank Substrate: Silt/Clay/Sand

Embeddness Value: 1. 2. 3.

Mean Canopy Density: 40%

Evergreen Component: 30%

Deciduous Component: 70%

Pools by Stream Length: 0%

Pools >=2 ft. Deep: *****%

Pools >=3 ft. Deep: *****%

Mean Pool Shelter Rtn: 0

Dom. Shelter: Small Woody Debris

Occurrence of LOD: 0%

Dry Channel: 0 ft.

4. 5.